

INVENTOR: George McBride, et al
Serial No.: 09/535,888

attorney docket: *cardiobeat-3*

IN THE CLAIMS

CLAIM 1 (CURRENTLY AMENDED). A method of operating an Internet device, comprising:

downloading via the Internet a medical testing program from a server, said medical testing program being utilized to provide non-invasive cardiovascular function related test measurement data;

coupling at least one non-invasive sensor to said Internet device, said at least one sensor being non-invasively coupled to and disposed on a patient to obtain impedance test measurement data;

executing said test program to obtain said test measurement data from said at least one sensor;

automatically uploading said test measurement data to said server via the Internet;

automatically analyzing said test measurement data at said server to provide cardiac function test data;

storing said test measurement data and said cardiac function test data for said patient in a database accessible by said server;

operating on said test measurement data to produce substantially real time waveforms of said cardiac function test data;

maintaining a history of test measurement data and cardiac function test data for said patient;

utilizing a trending algorithm on said history to develop a medical condition trend for said patient;

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receiving processed cardiac function test data from said server as a download from said server via the Internet; and
displaying said processed cardiac function test data.

CLAIM 2 (PREVIOUSLY PRESENTED). A method in accordance with claim 1,

comprising:

executing a multimedia instructional guide on said Internet device to instruct said patient in placement of said at least one sensor and to instruct said patient on a sequence of actions to be performed in obtaining said test measurement data.

CLAIM 3 (ORIGINAL). A method in accordance with claim 2, comprising:

downloading said guide from said server via the Internet.

CLAIM 4 (PREVIOUSLY PRESENTED). A method in accordance with claim 1

comprising:

executing a data verification program on said Internet device prior to uploading said test measurement data to verify operation of said at least one sensor.

CLAIM 5 (ORIGINAL). A method in accordance with claim 4, comprising:

downloading said verification program from said server via the Internet.

CLAIM 6 (ORIGINAL). A method in accordance with claim 1, comprising:

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un-installing said medical testing program from said Internet device upon completion of a testing sequence.

CLAIM 7 (ORIGINAL). A method in accordance with claim 1, comprising:

utilizing an encryption program to encrypt said test measurement data.

CLAIM 8 (PREVIOUSLY PRESENTED). A method in accordance with claim 1, comprising:

temporarily storing said medical testing program in a memory of said Internet device.

CLAIM 9 (CURRENTLY AMENDED). A method in accordance with claim 8, comprising:

storing a testing measurement portion of said medical testing program for execution by said Internet device;

storing a test diagnostic portion of said medical testing program in said memory for execution;

storing a verification portion of said medical testing program in said memory for execution;

storing an encryption portion of said medical testing program in said ~~memora MEy~~
memory for execution; and

storing an un-install portion of said medical testing program in said memory for execution.

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CLAIM 10 (PREVIOUSLY PRESENTED). A method in accordance with claim 1,
comprising:

downloading an impedance cardiography program as a part of said medical testing
program.

CLAIM 11 (PREVIOUSLY PRESENTED). A method in accordance with claim 10,
comprising:

coupling a plurality of non-invasive sensors including said at least one non-invasive
sensor to said Internet device, said plurality of non-invasive sensors being non-invasively
coupled to and disposed on said patient.

CLAIM 12 (PREVIOUSLY PRESENTED). A method in accordance with claim 11,
comprising:

utilizing said plurality of non-invasive sensors to obtain said impedance test measurement
data.